



In accordance with the tender Business Development and Innovation Croatia and all accompanying legal and legislative acts, DRACO D.O.O. with the project Greening of production process supported by a grant from Norway through the Norwegian Financial Mechanism 2014-2021, in the frame of the Programme “Business Development and Innovation Croatia”, announces

Open tender

for acquisition of Vacuum dissolver set

1. Information about Contracting Project Promotor

Name of the Contracting Project Promotor:	DRACO D.O.O.
Address:	Draškovićeva 4, 21210, Solin
VAT no:	08658331098
Contact person:	Ante Jukić
Contact person e-mail:	ante.jukic@dracopro.com

Communication and any other exchange of information between the Contracting Project Promotor and the economic operators shall be in writing. A written request of interested economic entities for clarification should be sent to e-mail: ante.jukic@dracopro.com

The principle of transparency, avoidance of conflict of interest and free competition will be respected through this procurement procedure.

The company DRACO D.O.O. (Contracting Project Promotor) is associated with the following entities and they cannot submit an offer for this open tender:

1. DRACO GRUPA d.o.o., OIB: 40795773556, 21210 Solin, Draškovićeva 4
2. PALIR d.o.o., OIB: 86173090892, 21210 Solin, Draškovićeva 4
3. ABSOLVERIS d.o.o., OIB: 99550317511, 21000 Split, Ban Mladenova 23

2. Procurement data (open tender data)

Name of the Programme:	Business Development and Innovation Croatia
Name of the project:	Greening of production process
Title of the procurement procedure: Open tender	Open tender for acquisition of vacuum dissolver set
Date of the publication of procurement procedure:	25.10.2021.
Deadline for submission of bids:	09.11.2021., November 09, 2021
Date of decision:	Contracting Project Promotor will analyse offers and make decision in 5 days after the deadline. After decision, the Contracting Project Promotor will inform bidders about decision. Bidders will have 5 days for making appeal. Contracting Project Promotor will send contract to the bidder who wins the tender. Contract must be signed within 10 days after the decision.
Procurement number:	2020/562965-01
Documentation:	Procurement documentation is an integral part of this Call and is published on official web page of company DRACO D.O.O. The documentation consists of: - Open tender - Form 1: Bid sheet (document to be filled in by all bidders, all items must be filled in for the bid to be valid)

	- Form 2: Budget for acquisition of a vacuum dissolver set (document to be filled in by all bidders, all items must be filled in for the bid to be valid).
Estimated value of procurement:	102.000,00 EUR
Method of payment:	40% - payment within 3 days after order confirmation 60% - irrevocable sighting letter of credit – before machine delivery

3. Information about the subject of procurement

Subject of procurement is cost: Acquisition of vacuum dissolver set. This investment is carried out for the implementation of the project Greening of production process within the tender Business Development and Innovation Croatia. The project is supported by the Norwegian Financial Mechanism 2014-2021, within the Business Development and Innovation Croatia Programme.

Subject of the procurement procedure is:

a) Acquisition of a Butterfly Dissolver unit

- Technical specification:
 - Power supply min: 380V, 3P, 50Hz
 - Low speed mixing part:
 - Power: min 55kw ABB ex-proof motor or equivalent. With ATEX certificate
 - Rotation speed: min 10-120rpm. With TONGLI/WELL reducer with Schneider / Danfoss inverter - or equivalent
 - Mixing agitator: butterfly mixing agitator with scraper

- Material: main shaft, butterfly agitator and other stainless-steel contacting parts must be made of SS304. Scraper must be made of PTFE.
- Seal: Skeleton oil seal or equivalent
- Bearing: NSK
- High speed dispersing part:
 - Power: min 37kw ABB ex-proof motor or equivalent. With ATEX certificate
 - Rotation speed: min 0-1500rpm. With Schneider / Danfoss inverter or equivalent
 - Working head: Double layer high speed dispersing disc
 - Material: shaft and working head must be made of SS304
 - Seal: Skeleton oil seal or equivalent
 - Bearing: NSK
- Lifting Structure :
 - Hydraulic lifting, with hydraulic pump. Adopts industrial hydraulic cylinder and column, stable lifting up and down, three-stage protection to prevent from oil leaking, with supporting seat, running stable
 - Lifting Height: 1.20 meters +/- 5%
 - Hydraulic power: 5.5kw +/- 5% ex-proof motor
- Positioning device:
 - Base plate of machine is equipped with positioning block which matches blocks under mixing vessel
- Cover:
 - Hermetic cover

- Openings: With a hand hole. With two sight glasses (one is with ex-proof light and the other one is with scraper), with liquid inlet, vacuum port, vacuum gauge, spare port etc. openings. Other openings can be customized
- The cover is with flange to prevent material leaking
- Control system:
 - With stand-alone control cabinet in safety area
 - With on-site ex-proof control box, WAROM product or equivalent. Control panel is with start/stop of low speed and high-speed agitator, speed adjusting knob and display, lifting up and down, emergency stop
 - All electric components adopt Schneider product or equivalent
 - With limit switch: Only when tank is settled at proper position and cover closed, mixing agitator can be run
 - Temperature control: With temperature sensor in agitator
- Vacuum system
 - With 5,5kw +/- 5% water-ring vacuum pump
 - With buffer tank
 - With 100L +/- 5% water case
 - Ex-proof vacuum pump
- Others
 - With CE certificate
- Tank:
 - Equipped with a 1320L +/- 5% movable single layer tank; Max. Capacity: 1000L
 - Dimensions: Diameter x straight height: ϕ 1300 x 1000mm approximately

- Thickness: 14mm +/- 5%
- Material: made of SS304., inside and outside mirror polished
- With DN50 discharging valve, with brake wheels and forklift groove

b) Acquisition of Extruder

- Technical specification:
 - Power supply min:
 - 380V, 50HZ, 3Phases, can be customized
 - Power:
 - Min 15kw, ABB ex-proof motor or equivalent. With ATEX certificate
 - Pressing plate:
 - Diameter: ϕ 1300mm approximately
 - Pressure: 100T +/- 5%
 - Pressure gauge: 6.3-16Mpa
 - Lifting:
 - Machine lifting is 1000mm +/- 5% and Pressing lift is 1150mm +/- 5%
 - Others:
 - With CE certificate
 - Used to discharge material
 - Motor:
 - 220V, 1P, 50Hz +/- 5%
 - Filling Range:
 - 5-25kg drum
 - Weighting type. Mettler Toledo weighting device or equivalent
 - Filling error: $\pm 0.2\%$
 - Filling speed:
 - 160-300 pails/hour

- 2 filling heads

c) Acquisition of Semi-Auto Filling Machine

- Technical specification:
 - Materials:
 - Contacting parts stainless steel SS304, other parts carbon steel
 - Air Source:
 - Flow 0.1 m³/min pressure 0.4-0.6 MPa
 - Convey Roller:
 - Unpowered roller, length 1300mm +/- 5%
 - Others:
 - With lid pressing device
 - With ex-proof control box
 - With pipeline from extruder to filling machine

4. Instructions for making an offer

Deadline for submission of bids:	09.11.2021., November 09, 2021
Place of bid submission:	The bid must be submitted by e-mail by November 09, 2021: - to the e-mail address: ante.jukic@dracopro.com Only offers sent to the e-mail address ante.jukic@dracopro.com are valid offers.
Place of delivery of subjects of procurement:	DRACO production plant (DRACO d.o.o., Prisike 29, 21203 Gornji Muc, Croatia) or nearest port (parity CIF Split Croatia).
Warranty:	12 months.
Delivery:	120 days after order down payment received and drawing confirmation.
Service:	After 12 months warranty, possibility for lifelong service needs to be available.

Bid selection criteria and bid evaluation methodology:	<p>Lowest price</p> <p>If two or more valid bids are ranked equally according to the bid selection criteria, the Contracting Project Promotor will select the bid received earlier.</p>
How to make an offer:	<p>Bids must be written in English and Latin script. The bid must meet all the requirements from this open tender, from Form 1 Bid Sheet and from Form 2.</p> <p>The bid must consist of:</p> <ul style="list-style-type: none"> - the Form 1: filled in, signed and stamped and - the Form 2: filled in, signed and stamped. <p>Currency is HRK or EUR.</p>
Mandatory elements of the offer:	<p>Form 1: Bid sheet</p> <ul style="list-style-type: none"> - document to be filled in by all bidders - all items must be filled in for the bid to be valid - document needs to be signed and stamped <p>Form 2: Budget</p> <ul style="list-style-type: none"> - document to be filled in by all bidders - all items must be filled in for the bid to be valid - document needs to be signed and stamped
Method of payment:	<p>40% - payment within 3 days after order confirmation</p> <p>60% - irrevocable sighting letter of credit – before machine delivery</p>

Attachments:

- Form 1 Bid sheet
- Form 2 Budget